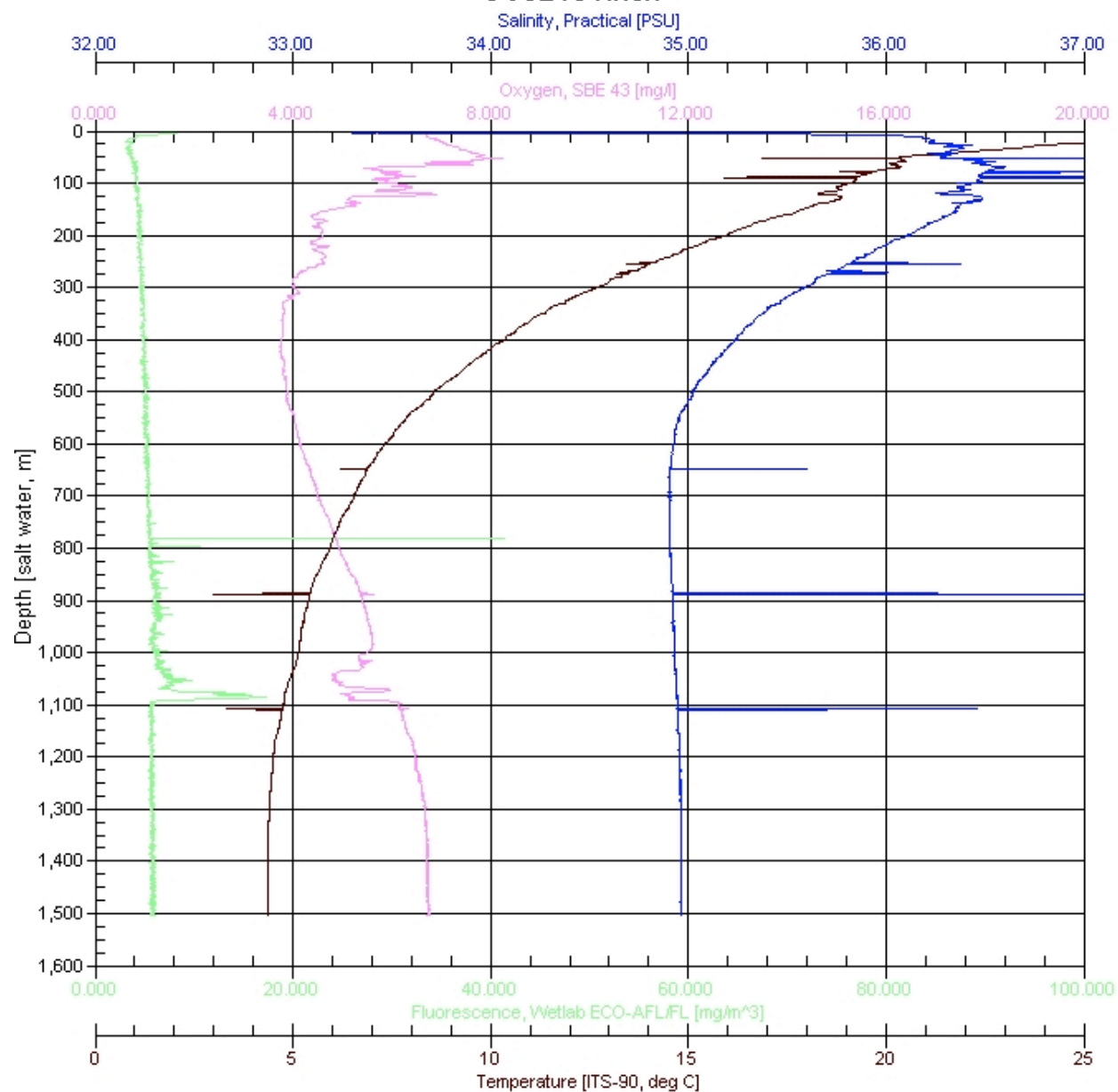


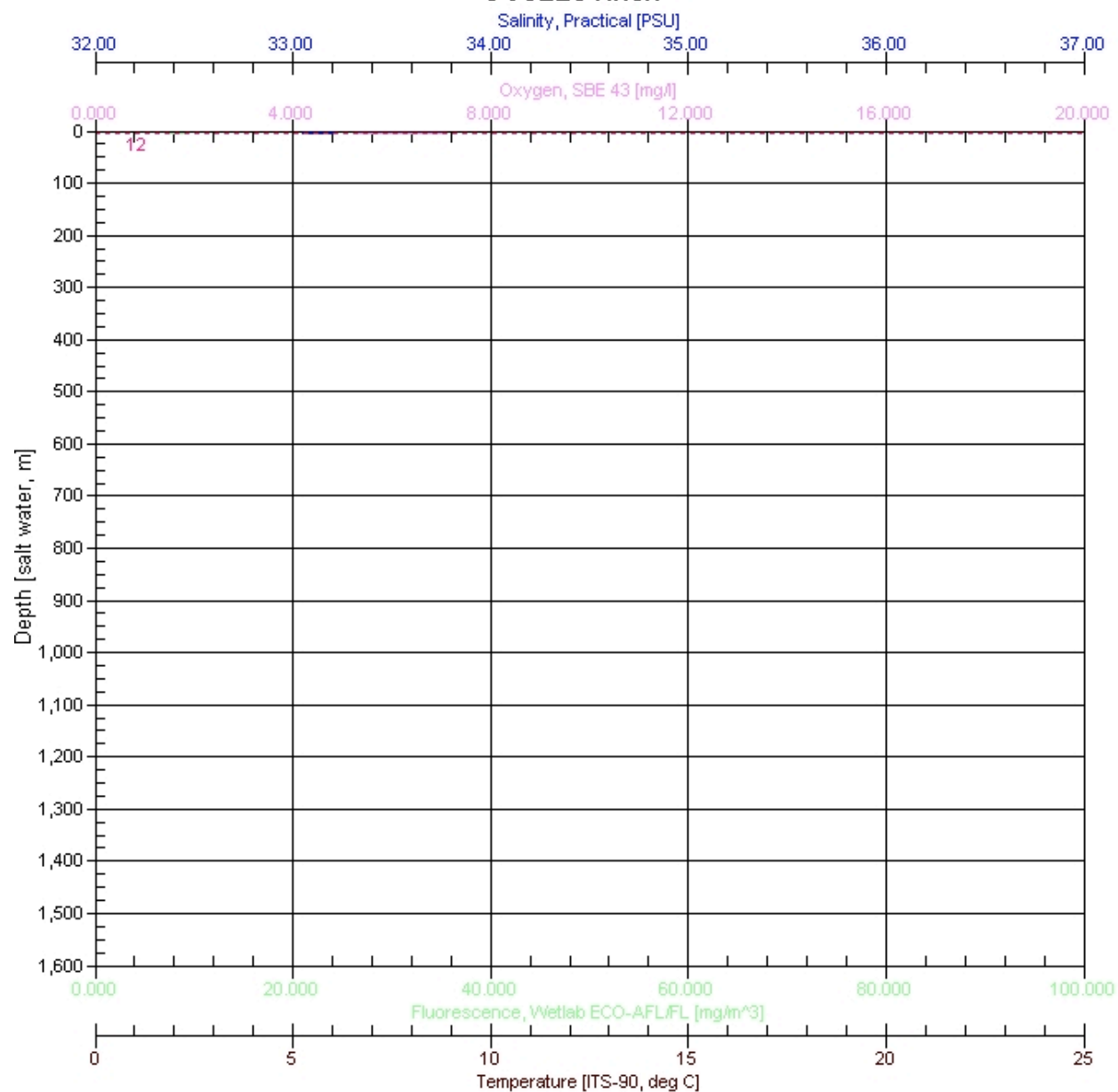
Ocean Veritas
Lauren Tom and Krystle Chavarria

1. Sampling begins (07:30)
2. Switched tasks from yesterday: Lauren=DNA, RNA, Protein, Krystle=INT, AODC, Stable Isotope, VOA Analysis, Nutrient Chemistry, Culturing
3. First site: OV021
 - Sampled the surface, and two depths within the plume
 - OV021-surface: AODC, DNA (6.2L), RNA (6.2L), Protein (6.2L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
 - OV02102 (1075m): INT, AODC, DNA (2L), RNA (3.1L), Protein (3.1L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
 - OV02103 (1050m): AODC, DNA (1.5L), RNA (1.5L), Protein (3.7L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
4. Second site: OV022
 - Did not take a sample, same site as OV021, re-cast the rosette at 2m only
5. Third site: OV023
 - Sampled the surface, and collected unfiltered water samples from plume depth (1100m) for Janet Jansson
 - OV023-surface: AODC, DNA (6.3L), RNA (6.3L), Protein (6.3L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
 - OV02302: INT, AODC
6. Fourth site: OV024
 - Sampled the surface only, there was no plume
 - OV024-surface: AODC, DNA (6.3L), RNA (6.3L), Protein (6.3L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
7. Fifth site: OV025
 - Sampled the surface, and within the plume
 - OV025-surface: AODC, DNA (6.2L), RNA (6.2L), Protein (6.2L), Stable Isotope, VOA Analysis, and Nutrient Chemistry
 - OV02501 (1050): AODC, DNA (1.6L), RNA (1.6L), Protein (1.7L), Stable Isotope, VOA Analysis
8. Sixth site: OV026
 - Sampled the surface and within the plume
 - OV026-surface: AODC, DNA (6.4L), RNA (6.4L), Protein (6.4L), Stable Isotope, VOA Analysis
 - OV02601: Niskin bottles broke upon reeling in the CTD (hit the back of the boat and cracked), Lost 2 of the largest niskin bottles (10L) to the sea. Four of the six smaller niskin bottles (8L) were cracked in half and lost all water. All samples from within the plume were lost.
9. Headed back to port (20:00), should arrive back a Port Fourchon tomorrow morning (ETA 06:00).
10. Plan to make arrangements for tracking down packages; we have multiple packages of supplies arriving at multiple locations within the state of Louisiana.

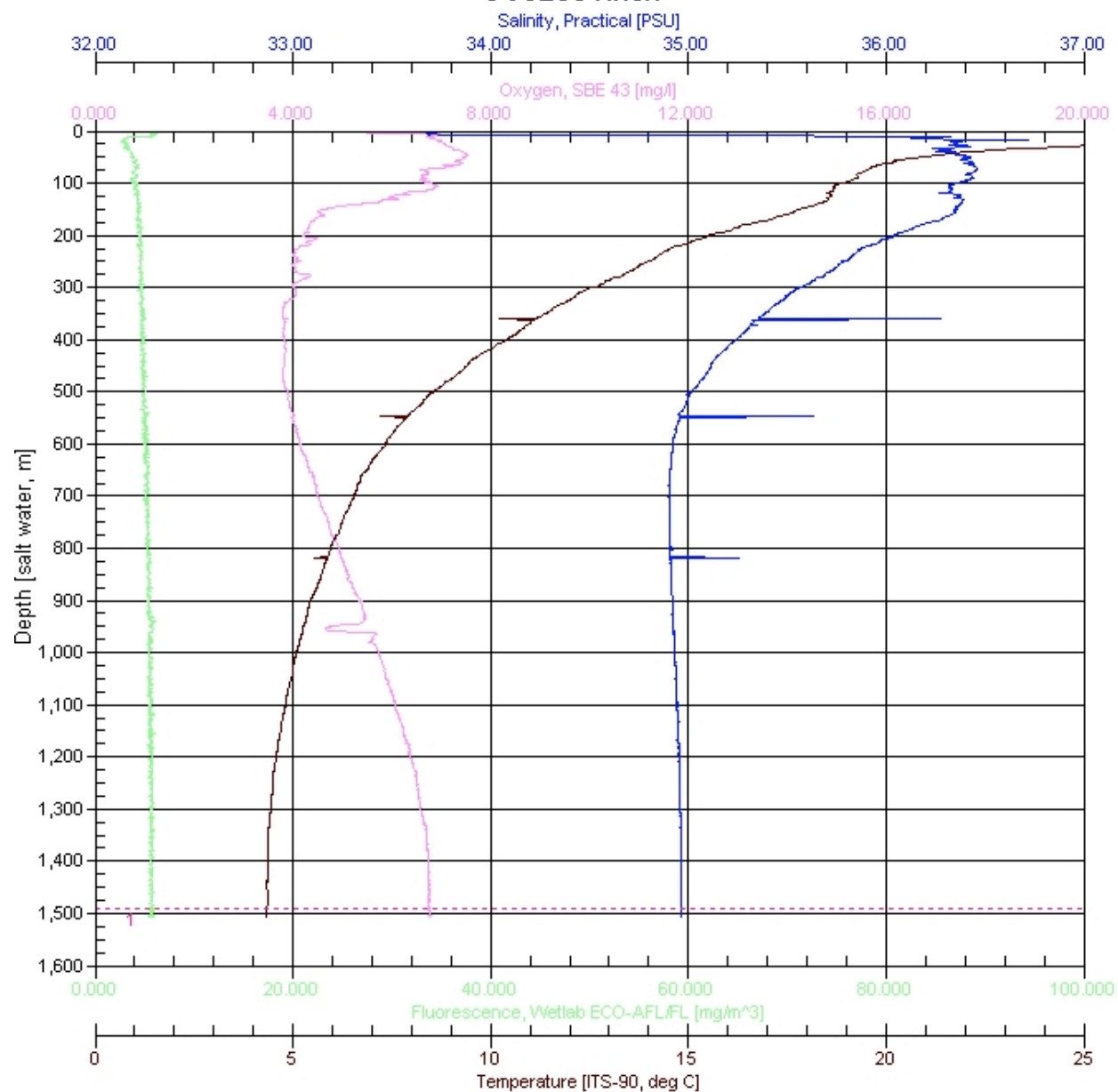
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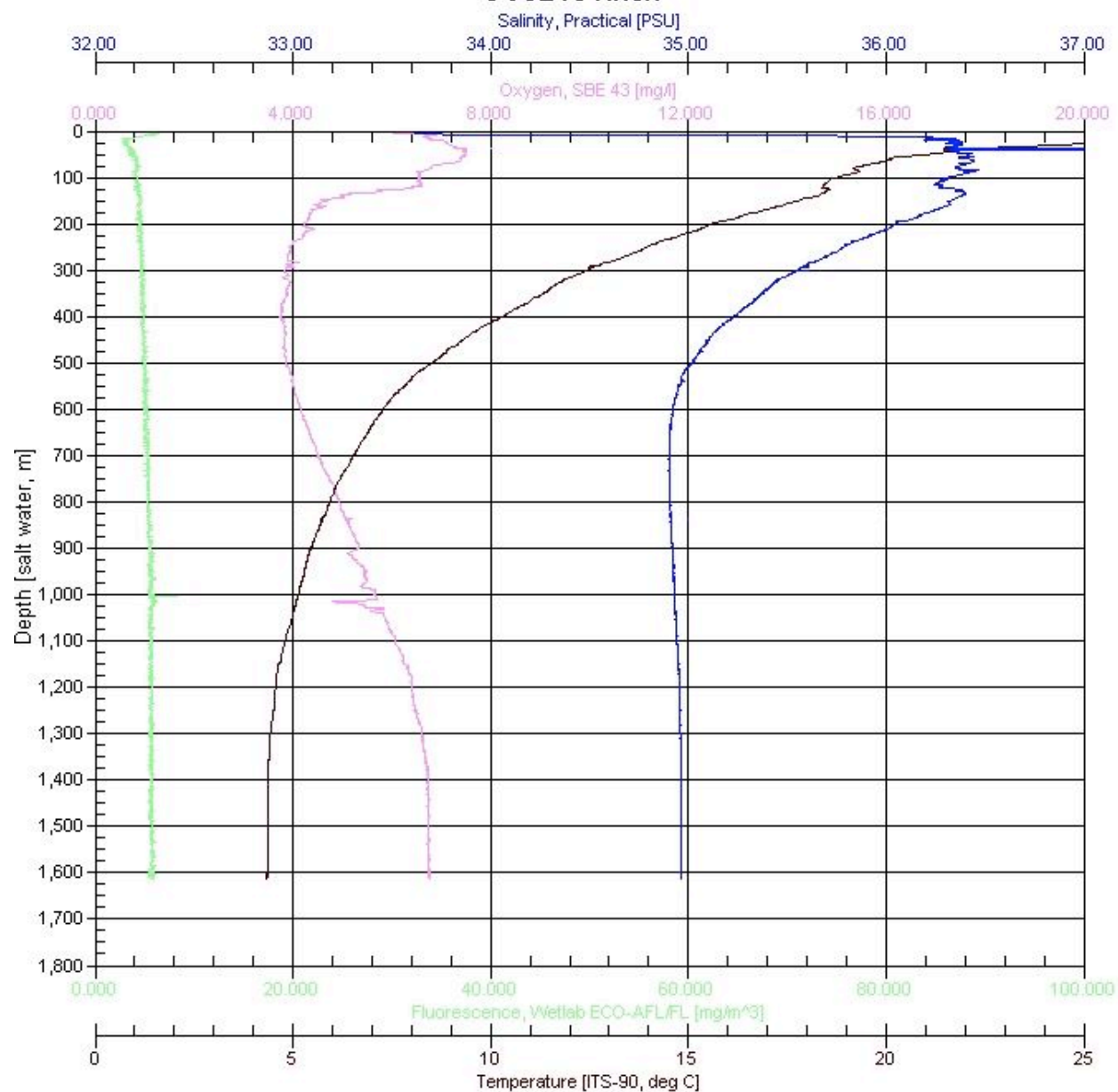
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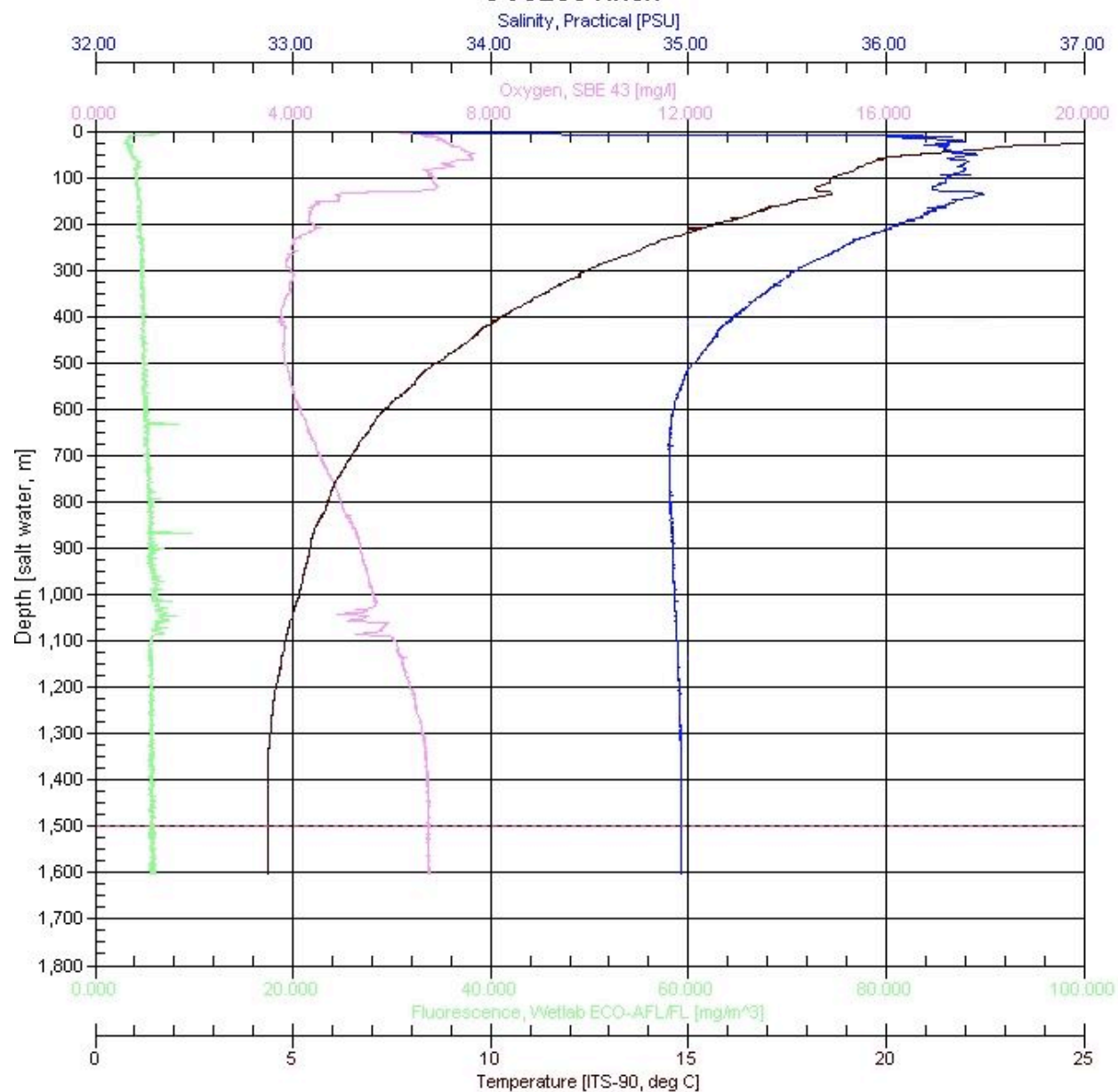
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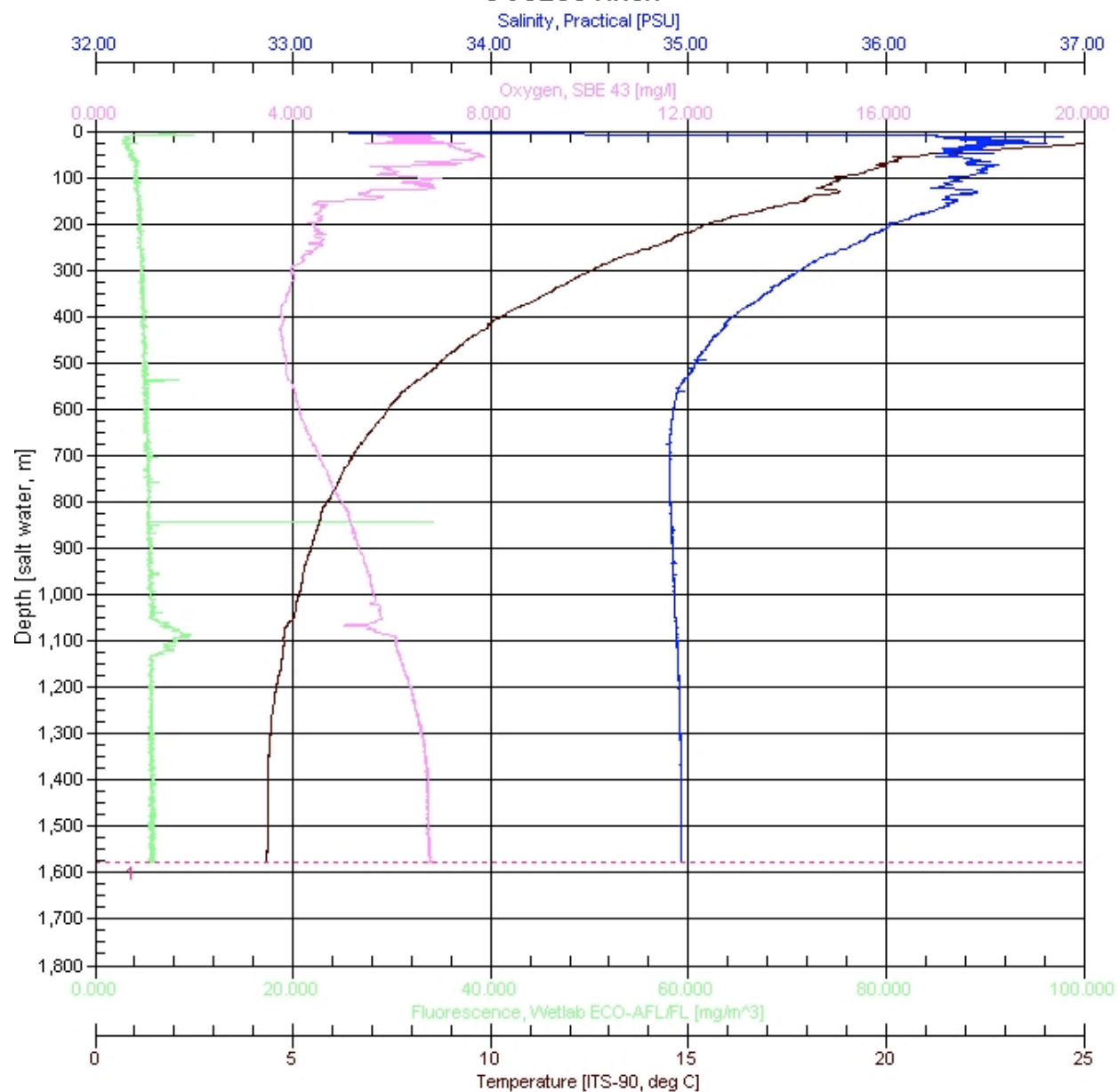
OV02401.hex



OV02501.hex



OV02601.hex



R/V Ocean Veritas

06-04-2010

Sampling Map

Red = Plume detected
Green = Plume not detected

Site	Lat	Long
OV013	28.801976	-88.391856
OV014	28.770928	-88.392046
OV015, OV016	28.740080	-88.391591
OV017	28.709114	-88.391622
OV018	28.678081	-88.391623
OV019	28.674982	-88.428935
OV020	28.706450	-88.428935
OV021, OV022	28.796500	-88.347900
OV023	28.674600	-88.329800
OV024	28.675768	-88.347224
OV025	28.689414	-88.361276
OV026	28.707290	-88.360949

